



Curriculum vitae
Europass



Personal information

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Current position Researcher in Spatial Ecology with a fixed-term employment contract full-time for the three-year at the Institute for Agriculture and Forestry Systems in the Mediterranean (ISAFoM) - National Research Council

Research interest I am an ecologist interested in exploring the macro processes that shape the global species' distribution by using GIS tools, ecological modelling, and remote sensing. My research focuses on understanding how the biotic and abiotic components of the Earth system vary across space and time, their interactions, and predicting shifts in the distribution of biodiversity due to natural and anthropogenic events in marine ecosystems. My professional activities encompass two main goals. On the one hand, I aim to provide a better understanding of global change biology, biological invasions and macroecology, applying my findings to spatial planning and conservation biology. On the other hand, I engage in scientific outreach activities to make biological and ecological topics more accessible and attractive to a wider audience.

Bibliometric profile (Google Scholar_02 November 2023)

H-index = 33

Total citations = 2333

Scientific publications (Bold = position; Underline = Corresponding author)

Di Febbraro, M., Bosso, L., Fasola, M., Santicchia, F., Aloise, G., Liroy, S., Tricarico, E., Ruggieri, L., Bovero, S., Mori, E., Bertolino, S. 2023. Different facets of the same niche: integrating citizen and science data to predict invasion risk under multiple global change drivers. *Global Change Biology*, 29, 5509-5523. <https://doi.org/10.1111/gcb.16901>

Buonincontri, M.P., Bosso, L., Smeraldo, S., Chiusano, L.M., Pasta, S., Di Pasquale, G., 2023. Shedding light on the effect of climate and anthropogenic pressures on the disappearance of *Fagus sylvatica* in the Italian lowlands: Evidence from archaeo-anthracology and spatial analyses. *Science of the Total Environment*, 877, 162893. doi: <https://doi.org/10.1016/j.scitotenv.2023.162893>

Fraissinet, M., Ancillotto, L., Migliozi, A., Capasso, S., **Bosso, L.**, Chamberlain, D.E., Russo, D., 2023. Responses of avian assemblages to spatiotemporal landscape dynamics in urban ecosystems. *Landscape Ecology*, 38, 293-305. doi: <https://doi.org/10.1007/s10980-022-01550-5>

Bosso, L., Smeraldo, S., Russo, D., Chiusano, M.L., Bertorelle, G., Johannesson, K., Butlin, R.K., Danovaro, R., Raffini, F. 2022. The rise and fall of an alien: why the successful colonizer *Littorina saxatilis* failed to invade the Mediterranean Sea. *Biological Invasions*, 24, 3169-3187. doi: <https://doi.org/10.1007/s10530-022-02838-y>

Ahmad, F., Ali Nawaz, M., Salim, M., Rehan, M., Farhadinia, M., **Bosso, L.**, Kabir, M. 2022. Patterns of spatial distribution, diel activity and human-bear conflict of *Ursus thibetanus* in the Hindu Kush Mountains, Pakistan. *Global Ecology and Conservation*, 37, e02145. doi: <https://doi.org/10.1016/j.gecco.2022.e02145>

Ancillotto, L., Palmieri, A., Canfora, C., Nastasi, C., **Bosso, L.**, Russo, D. 2022. Spatial responses of long-eared bats *Plecotus auritus* to forestry practices: Implications for forest management in protected areas. *Forest Ecology and Management*, 506, 119959. doi: <https://doi.org/10.1016/j.foreco.2021.119959>

Ali, H., Din, J.U., **Bosso, L.**, Hameed, S., Kabir, M., Younas, M., Ali Nawaz, M. 2021. Expanding or shrinking? Range shifts in wild ungulates under climate change in Pamir-Karakoram mountains, Pakistan. *PLoS ONE* 16(12): e0260031. doi: <https://doi.org/10.1371/journal.pone.0260031>

Goursi, U.H., Anwar, M., **Bosso, L.**, Ali Nawaz, M., Kabir, M. 2021. Spatial distribution and habitat use of the Asiatic black bear (*Ursus thibetanus*) in the Machiara National Park, Pakistan. *Ursus*, (32e13),1-5. doi: 10.2192/URSUS-D-19-00031.3

Salinas-Ramos, V.B., Ancillotto, L., Cistrone, L., Nastasi C., **Bosso, L.**, Smeraldo, S., Sanchez Cordero, V., Russo, D. 2021. Artificial illumination influences niche segregation in bats. *Environmental Pollution*, 284, 117187. doi:https://doi.org/10.1016/j.envpol.2021.117187

Smeraldo, S., **Bosso, L.**, Salinas-Ramos, V.B., Ancillotto, L., Sánchez-Cordero, V., Suren, G., Russo, D. 2021. Generalists yet different: distributional responses to climate change may vary in opportunistic bat species sharing similar ecological traits. *Mammal Review*, 51, 571-584. doi: 10.1111/mam.12247

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Russo, D., Salinas-Ramos, V.B, Cistrone, L., Smeraldo, S., **Bosso, L.**, Ancillotto, L. 2021. Do we need to use bats as bioindicators? *Biology*, 10, 693. doi: https://doi.org/10.3390/biology10080693

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Salinas-Ramos, V.B., Agnelli, P., **Bosso, L.**, Ancillotto, L., Sánchez-Cordero, V., Russo, D. 2021. Body Size Variation in Italian Lesser Horseshoe Bats *Rhinolophus hipposideros* over 147 Years: Exploring the Effects of Climate Change, Urbanization and Geography. *Biology*, 10(1), 16. doi:https://doi.org/10.3390/biology10010016

Ancillotto, L., **Bosso, L.**, Conti, P., Russo, D. 2021. Resilient responses by bats to a severe wildfire: conservation implications. *Animal Conservation*, 24, 470-481. doi:https://doi.org/10.1111/acv.12653

Di Pasquale, G., Saracino, A., **Bosso, L.**, Russo, D., Moroni, A., Bonanomi, G., Allevato, E. 2020. Coastal pine-oak glacial refugia in the Mediterranean basin: a biogeographic approach based on charcoal analysis and spatial modelling. *Forests*, 11(6), 673. doi:https://doi.org/10.3390/f11060673

Raffini, F., Bertorelle, G., Biello, R., D'Urso, G., Russo, D., **Bosso, L.** 2020. From nucleotides to satellite imagery: approaches to identify and manage the invasive pathogen *Xylella fastidiosa* and its insect vectors in Europe. *Sustainability*, 12(11), 4508. doi:https://doi.org/10.3390/su12114508

Ancillotto, L., **Bosso, L.**, Mori, E., Mazza, G., Herkt, M., Galimberti, A., Ramazzotti, F., Russo, D. 2020. An African bat in Europe, *Plecotus gaisleri*: biogeographic and ecological insights from molecular taxonomy and Species Distribution Models. *Ecology and Evolution*, 10, 5785-5800. doi:<https://doi.org/10.1002/ece3.6317>

Smeraldo, S., **Bosso, L.**, Fraissinet, M., Bordignon, L., Brunelli, M., Ancillotto, L., Russo, D. 2020. Modelling risks posed by wind turbines and electric power lines to soaring birds: the black stork (*Ciconia nigra*) in Italy as a case study. *Biodiversity and Conservation*, 29, 1959-1976. doi:<https://doi.org/10.1007/s10531-020-01961-3>

Bertolino, S., Sciandra, C., **Bosso, L.**, Russo D., Lurz, P., Di Febbraro M. 2020. Spatially-explicit models as tools for implementing effective management strategies for invasive alien mammals. *Mammal Review*, 50, 187-199. doi:<https://doi.org/10.1111/mam.12185>

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Bosso, L., Smeraldo, S., Rapuzzi, P., Sama, G., Garonna, A.P., Russo, D. 2018. Nature protection areas of Europe are insufficient to preserve the threatened beetle *Rosalia alpina* (Coleoptera: Cerambycidae): evidence from species distribution models and conservation gap analysis. *Ecological Entomology*, 43, 192-203. doi: 10.1111/een.12485

Nardone, V., **Bosso, L.**, Della Corte, M., Sasso, M., Galimberti, A., Bruno, A., Casiraghi, M., Russo, D., 2018. Native red foxes depredate nests of alien pond sliders: evidence from molecular detection of prey in scats. *Mammalian Biology*, 88, 72-74. doi:https://doi.org/10.1016/j.mambio.2017.11.012

Kabir, M., Hameed, S., Ali, H., **Bosso, L.**, Ud Din, J., Bischof, R., Redpath, S., Ali Nawaz, M. 2017. Habitat Suitability and Movement Corridors of Grey Wolf (*Canis lupus*) in Northern Pakistan. *PLoS ONE*, 12(11): e0187027. doi:https://doi.org/10.1371/journal.pone.0187027

Bosso, L., Luchi, N., Maresi, G., Cristinzio, G., Smeraldo, S., Russo, D. 2017. Predicting current and future disease outbreaks of *Diplodia sapinea* shoot blight in Italy: species distribution models as a tool for forest management planning. *Forest Ecology and Management*, 400, 655-664. doi:https://doi.org/10.1016/j.foreco.2017.06.04

Bosso, L., De Conno, C., Russo, D. 2017. Modelling the risk posed by the zebra mussel *Dreissena polymorpha*: Italy as a case study. *Environmental Management*, 60, 304–313. doi: 10.1007/s00267-017-0882-

Bosso, L., Lacatena, L., Varlese, R., Nocerino, S., Cristinzio, G., Russo, D. 2017. Plant pathogens but not antagonists change in soil fungal communities across a land abandonment gradient in a Mediterranean landscape. *Acta Oecologica*, 78, 1-6. doi:https://doi.org/10.1016/j.actao.2016.11.002

Smeraldo, S., Di Febbraro, M., Ćirović, D., **Bosso, L.**, Trbojević, I., Russo D. 2017. Species distribution models as a tool to predict range expansion after reintroduction: A case study on Eurasian beavers (*Castor fiber*). *Journal for Nature Conservation*, 37, 12 - 20. doi:http://dx.doi.org/10.1016/j.jnc.2017.02.00

Russo, D., Sgammato, R., **Bosso, L.** 2016. First sighting of the humpback whale *Megaptera novaeangliae* in the Tyrrhenian Sea and a mini-review of Mediterranean records. *Hystrix*, 27 (2), 219-221. doi:10.4404/hystrix-27.2-11737

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Hechmi, N., **Bosso, L.**, El Bassi, L., Scelza, R., Testa, A., Jedidi, N., Rao, M.A. 2016. Depletion of pentachlorophenol in soil microcosms with *Byssochlamys nivea* and *Scopulariopsis brumptii* as detoxification agents. *Chemosphere*, 165, 547-554. doi:10.1016/j.chemosphere.2016.09.06

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Romano, N., Lignola, G.P., Brigante, M., **Bosso, L.**, Chirico, G.B. 2016. Residual life and degradation assessment of wood elements used in soil bioengineering structures for slope protection. *Ecological Engineering*, 90, 498-509. doi:10.1016/j.ecoleng.2016.01.085

Bosso, L., Scelza, R., Varlese, R., Meca, G., Testa, A., Rao, M.A., Cristinzio, G. 2016. Assessing the effectiveness of *Byssochlamys nivea* and *Scopulariopsis brumptii* in pentachlorophenol removal and biological control of two *Phytophthora* species. *Fungal Biology*, 120, 645-653. doi:10.1016/j.funbio.2016.01.004

Bosso, L., Russo, D., Di Febbraro, M., Cristinzio, G., Zoina, A. 2016. Potential distribution of *Xylella fastidiosa* in Italy: a maximum entropy model. *Phytopathologia Mediterranea*, 55(1), 62–72. doi: 10.14601/Phytopathol_Mediterr-16429

Russo, D., Di Febbraro, M., Cistrone, L., Jones, G., Smeraldo, S., Garonna, A.P., **Bosso, L.** 2015. Protecting one, protecting both? Scale-dependent ecological differences in two species using dead trees, the rosalia longicorn beetle and the barbastelle bat. *Journal of Zoology*, 297(3), 165–175. doi: 10.1111/jzo.12271 (THIS PUBLICATIONS OBTAINED THE COVER PAGE)

Bosso, L., Scelza, R., Testa, A., Cristinzio, G., Rao, M.A. 2015. Depletion of pentachlorophenol contamination in an agricultural soil treated with *Byssochlamys nivea*, *Scopulariopsis brumptii* and urban waste compost: a laboratory microcosm study. *Water, Air and soil pollution*, 226 (6), 2436, 1-9. doi: 10.1007/s11270-015-2436-0

Bosso, L., Lacatena, F., Cristinzio, G., Cea, M., Diez, M.C., Rubilar, O. 2015. Biosorption of pentachlorophenol by *Anthracoerythron discolor* in the form of live fungal pellets. *New Biotechnology*, 32, 21-25. doi:10.1016/j.nbt.2014.08.001

Russo, D., Di Febbraro, M., Rebelo, H., Mucedda, M., Cistrone, L., Agnelli, P., De Pasquale, P.P., Martinoli, A., Scaravelli, D., Spilinga, C., **Bosso, L.** 2014. What story does geographic separation of insular bats tell? A case study on Sardinian Rhinolophids. *PLoS ONE*, 9(10): e110894. doi:10.1371/journal.pone.0110894

Russo, D., Di Febbraro, M., Rebelo, H., Mucedda, M., Cistrone, L., Agnelli, P., De Pasquale, P.P., Martinoli, A., Scaravelli, D., Spilinga, C., **Bosso, L.** 2014. CORRECTION: What story does geographic separation of insular bats tell? A case study on Sardinian Rhinolophids. PLoS ONE, 9(10): e110894. doi:10.1371/journal.pone.0110894

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Bosso, L., Rebelo, H., Garonna, A.P., Russo, D. 2013. Modelling geographic distribution and detecting conservation gaps in Italy for the threatened beetle *Rosalia alpina*. Journal for Nature Conservation, 21, 72-80. doi:http://dx.doi.org/10.1016/j.jnc.2012.10.003

Bosso, L., Senatore, M., Varlese R., Ruocco M., Garonna A.P., Bonanomi G., Mazzoleni S., Cristinzio, G. 2012. Severe outbreak of *Fusarium solani* on *Quercus ilex* vectored by *Xylosandrus compactus*. Journal of Plant Pathology 94, 99. doi:http://dx.doi.org/10.4454/JPP.V95I4SUP.036

Del Vaglio, M.A., Nicolaou, H., **Bosso, L.**, Russo, D., 2011. A first assessment of feeding habits in the fruit bat *Rousettus aegyptiacus* on Cyprus island. Hystrix, 22, 281-289. doi:https://doi.org/10.4404/hystrix-22.2-4587

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Cristinzio, G., Testa, A., **Bosso, L.**, Mastroianni, G., 2011. Sensibilità di 4 cultivar di olivo alla *Spilocea oleagina* (Cast.) Hugh. Acta Italus Hortus, 1, 362 – 365

Poster and oral presentations

Rizzo, A., Mancarella, C., Greco, A, Pierkot, C., Vernet, M., Bodere, E., **Bosso, L.**, Breton, V., Chiusano, M.L., Detoc, J., Germetz, E., Krijger, T., Piffet, F., Portier, M., Sarramia, D., Thijsse, P., 2023. FAIR-EASE: the first interdomain digital architecture for integrated use of environmental data. 4th Open Science FAIR Conference, Madrid (Spain), 25 – 27 September (Poster presentation)

Buonincontri, M.P., **Bosso, L.**, 2023. Once upon a time the beech (*Fagus sylvatica*)...in the lowlands. University of Tuscia, Rieti (Italy), 23 May (Oral presentation)

Bosso, L., Panzuto, R., Raffini, F., Chiusano, M.L., Gili C., Balestrieri, R., 2023. From citizen science to spatial modelling: conservation implications for *Hippocampus hippocampus* and *Hippocampus guttulatus* along the Italian coasts. I Congresso Nazionale ERC di Biologia della Conservazione SCB Italy, Rome (Italy), 19 - 21 April (Oral presentation)

Bellardini, D., Russo, L., Bolinesi, F., **Bosso, L.**, Buondonno, A., Carotenuto, Y., Casotti, R., Chiusano, M.L., Cianelli, D., Cipolletta, F., Del Gaizo, G., Furia, M., Licandro, P., Mangoni, O., Margiotta, F., Mazzocchi, M.G., Montresor, M., Percopo, I., Saggiomo, M., Sarno, D., Saviano, S., Vannini, J., D'Alelio, D. 2022. Is plankton trophic structure a reliable indicator of the overall ecological efficiency? XXVI Congresso dell'Associazione Italiana di Oceanologia e Limnologia, S. Michele all'Adige (Italy), 27 June – 1 July (Oral presentation)

Bosso, L., Smeraldo, S., Russo, D., Chiusano, M.L., Bertorelle, G., Johannesson, K., Butlin, R.K., Danovaro, R., Raffini F. 2021. The rise and fall of an alien: why the successful colonizer *Littorina saxatilis* failed to invade the Mediterranean sea. XXX Congresso della Società Italiana di Ecologia, Lecce (Italy), 25 - 27 October (Oral presentation)

Salinas-Ramos, V.B., Ancillotto, L., Cistrone, L., Nastasi C., **Bosso, L.**, Smeraldo, S., Sanchez Cordero, V., Russo, D. 2021. Artificial illumination influences niche segregation in bats. 15th European Bat Research Symposium, Turku (Finland), 4 - 7 May (Oral presentation)

Ancillotto, L., Studer, V., Howarrd, T., Smith, V.S., McAlister, E., Beccaloni, J., Manzia, F., Renzopaoli, F., **Bosso, L.**, Russo, D., Mori, E. 2018. Environmental drivers of parasite load and species richness in introduced parakeets in an urban landscape. XXVIII Congresso della Società Italiana di Ecologia, Cagliari (Italy), 12 - 14 September (Oral presentation)

Ancillotto, L., **Bosso, L.**, Conti, P., Russo, D. 2017. Detecting bat diversity hotspots and ecological corridors as a tool for conservation planning: Italy's protected area network as a case study. La natura vive nei parchi: conservazione e gestione a confronto, Gravina in Puglia (Italy), 30 November - 2 December (Poster presentation)

Ancillotto, L., **Bosso, L.**, Conti, P., Russo, D. 2017. From local monitoring to coordinated actions across national parks: six years of bat conservation in the Vesuvius National Park. La natura vive nei parchi: conservazione e gestione a confronto, Gravina in Puglia (Italy), 30 November - 2 December (Oral presentation)

Fraissinet, M., Capasso, S., **Bosso, L.**, Russo, D. 2017. Il terzo Atlante degli Uccelli nidificanti e svernanti della città di Napoli: risultati preliminari ad un anno dalla conclusione. XIX Convegno Italiano di Ornitologia, Torino (Italy), 27 September - 1 October (Poster presentation)

Bosso, L., Smeraldo, S., Garonna, A., Russo, D. 2017. A conservation gap analysis for the Habitats Directive Priority Species *Rosalia alpina* (Coleoptera: Cerambycidae) in Europe. XXVII Congresso della Società Italiana di Ecologia, Napoli (Italy), 12 - 15 September (Poster presentation)

Smeraldo, S., Di Febbraro, M., **Bosso, L.**, Flaquer, C., Guixé, D., Lisòn, F., Meschede, A., Pruger, J., Puig-Montserrat, X., Russo, D. 2017. Does phenology influence potential distribution of European bats? A cautionary note for the development of species distribution models. XXVII Congresso della Società Italiana di Ecologia, Napoli (Italy), 12 - 15 September (Poster presentation)

Bosso, L., De Conno, C., Smeraldo, S., Russo, D. 2017. Mapping the risk posed by the zebra mussel *Dreissena polymorpha* in Italy. XXVII Congresso della Società Italiana di Ecologia, Napoli (Italy), 12 - 15 September (Poster presentation)

Russo, D., Ancillotto, L., **Bosso, L.**, Cistrone, L., Nardone, V., Conti, P. 2017. Detecting bat diversity hotspots and ecological corridors as a tool for conservation planning: Italy's protected area network as a case study. 14th European Bat Research Symposium, Donostia (Spain), 1 - 5 August (Oral presentation)

Smeraldo, S., Di Febbraro, M., **Bosso, L.**, Flaquer, C., Guixé, D., Lisòn, F., Meschede, A., Pruger, J., Puig-Montserrat, X., Russo, D. 2017. Does phenology influence potential distribution of European bats? A cautionary note for the development of species distribution models. 14th European Bat Research Symposium, Donostia (Spain), 1 - 5 August (Poster presentation)

Bosso, L., Di Febbraro, M., Cristinzio, G., Zoina, A., Russo, D. 2016. Potential distribution of *Xylella fastidiosa* and its insect vector *Philaenus spumarius* in the Mediterranean basin. XXIII Convegno Nazionale Società Italiana di Patologia Vegetale, Roma (Italy), 19 - 21 September (Oral presentation)

Smeraldo, S., Di Febbraro, M., Ćirović, D., **Bosso, L.**, Trbojević, I., Russo, D. 2016. Predicting population expansion after reintroduction: the case of European beavers (*Castor fiber*) in Serbia and Bosnia-Herzegovina. X Congresso Italiano di Teriologia, Acquapendente (Italy), 20 - 23 April (Oral presentation)

Bosso, L. 2015. Fungi in Pentachlorophenol Adsorption and Degradation: Novel Bioremediation and Biotechnological Tools. XIII Convegno Associazione Italiana Società Scientifiche Agrarie (AISSA), Torino (Italy), 26 - 27 November (Oral presentation)

Bosso, L., Russo, D., Di Febbraro, M., Cristinzio, G., Zoina, A. 2015. La potenziale distribuzione di *Xylella fastidiosa* in Italia: un modello di massima entropia. Tornata dell'Accademia Nazionale dell'Olio e dell'Olivo in Campania, Portici (Italy), 22 - 23 October (Oral presentation)

Bosso, L., Rebelo, H., Luchi, N., Maresi, G., Russo, D., Cristinzio, G. 2015. *Diplodia sapinea* and climate change: species distribution models of the most important pine shoot pathogen in Italy. XXI Convegno Nazionale Società Italiana di Patologia Vegetale, Torino (Italy), 21 - 23 September (Oral presentation)

Bosso, L., Russo, D., Di Febbraro, M., Cristinzio, G., Zoina, A. 2015. Niche-based models and *Xylella fastidiosa*: drawing the potential spread of a new emerging plant pathogen in Italy. XXI Convegno Nazionale Società Italiana di Patologia Vegetale, Torino (Italy), 21 - 23 September (Poster presentation)

Lacatena, F., Woo, S.L., Vinale, F., Marra, R., Lombardi, N., Pascale, A., Lanzuise, S., **Bosso, L.**, Djella, A., Manganiello, G., De Vitto, L., Caira, S., Ruocco, M., Giorigini, M., Digilio, M.C., Lorito, M. 2015. XXI Convegno Nazionale Società Italiana di Patologia Vegetale, Torino (Italy), 21 - 23 September (Poster presentation)

Lombardi, N., Woo, S.L., Ruocco, M., Turrà, D., Vinale, F., Marra, R., Pascale, A., Lanzuise, S., Manganiello, G., Lacatena, F., De Vitto, L., **Bosso, L.**, Djella, A., Di Pietro, A., Lorito, M. 2015. Cross talk between plants and biocontrol agents can regulate the response to biotic and abiotic stresses. XXI Convegno Nazionale Società Italiana di Patologia Vegetale, Torino (Italy), 21 - 23 September (Poster presentation)

Bosso, L., Cristinzio G. 2015. Outbreak of *Botryosphaeria dothidea* and its anamorph *Diplodia africana* on *Pinus pinea* in the Vesuvius national park (Campania region, southern Italy). XXI Convegno Nazionale Società Italiana di Patologia Vegetale, Torino (Italy), 21 - 23 September (Poster presentation)

Russo, D., Di Febbraro, M., Rebelo, H., Mucedda, M., Cistrone, L., Agnelli, P., De Pasquale, P.P., Martinoli, A., Scaravelli, D., Spilinga, C., **Bosso, L.** 2014. Modelling interspecific competition and niche displacement in insular bats, IX Congresso Italiano di Teriologia, Civitella Alfedena (Italy), 7 - 10 May (Oral presentation)

Cristinzio, G., **Bosso, L.**, Somma, S., Varlese, R., Saracino, A. 2014. Serious damage by *Diplodia africana* on *Pinus pinea* in the Vesuvius National Park (Campania Region, southern Italy). II Congresso Internazionale di Selvicoltura, Firenze (Italy), 26 - 29 November (Poster presentation)

Bosso, L., Cristinzio, G. 2014. Fungi in pentachlorophenol adsorption and degradation: novel bioremediation and biotechnological tools. RemTech Expo, Ferrara (Italy), 23-25 September (Poster presentation)

Russo, D., Di Febbraro, M., Rebelo, H., Mucedda, M., Cistrone, L., Agnelli, P., De Pasquale, P.P., Martinoli, A., Scaravelli, D., Spilinga, C., **Bosso, L.** 2014. What story does geographic separation of insular bats tell? A case study on Sardinian Rhinolophids. XIIIth European Bat Research Symposium, Sibenik (Croatia), 1 – 5 September (Oral presentation)

Bosso, L., Rebelo, H., Garonna, A.P., Russo, D., 2013. Modelling geographic distribution and detecting conservation gaps in Italy for the threatened beetle *Rosalia alpina*. XXIII Congresso della Società Italiana di Ecologia, Ancona (Italy), 16 - 18 September (Poster presentation)

Bosso L., Lacatena F., Cea M., Diez M.C., Rubilar O., 2013. Effect of pentachlorophenol concentration and pH on adsorption capacity of *Anthracophyllum discolor* live pellets. XXIII

Congresso della Società Italiana di Ecologia, Ancona (Italy), 16 - 18 September (Poster presentation)

Bosso, L., Lacatena, F., Scelza, R., Nocerino, S., Rao, M.A., Cristinzio, G. 2012. BioCoReTech: una nuova tecnologia al servizio delle bonifiche ambientali. Start Cup Campania, Fisciano (Italy), 02/10/2012 (Oral presentation)

Bosso, L., De Luca, M.R., Testa, A., Cristinzio, G. 2012. Biological control of Chestnut blight: updates of *Cryphonectria parasitica* vegetative compatibility in Campania. XVIII Convegno Nazionale Società Italiana di Patologia Vegetale, Sassari (Italy), 24 - 26 September (Poster presentation)

Bosso, L., Scelza, R., Testa, A., Cristinzio, G., Rao, M.A. 2012. Bioremediation of a PCP contaminated soil by using fungi and compost. 4th International Congress Eurosoil, Bari (Italy), 2-6 July (Oral presentation)

Bosso, L., Hechmi, N., Scelza, R., Testa, A., Cristinzio, G., Rao, M.A. 2011. Decontamination of soil artificially contaminated with pentachlorophenol using *Byssosclamyces nivea* and *Scopulariopsis brumptii*. III International Workshop Advances in Science and Technology of Natural Resources, Pucon (Chile), 2-4 November (Poster presentation)

Bosso, L., Scelza, R., Testa, A., Rao, M.A., Cristinzio, G. 2011. Preliminary tests of *Ganoderma lucidum* tolerance to pentachlorophenol. III International Workshop Advances in Science and Technology of Natural Resources, Pucon (Chile), 2-4 November (Poster presentation)

Bosso, L., Rebelo, H., Garonna, A.P., Russo, D. 2011. Impatto dei cambiamenti climatici sulla distribuzione di *Rosalia alpina* in Italia: un approccio modellistico, VIII Congresso Nazionale SISEF. Rende (Italy), 4-7 October (Oral presentation)

Lacatena, F., Zito, G., Anriuzzi, W.S., **Bosso, L.**, Francati, S. 2011. Caratterizzazione della fauna edafica in un'area protetta. VIII Congresso Nazionale SISEF, Rende (Italy), 4-7 October (Poster presentation)

Bosso, L., Menegazzi, G., Brigante, M., Chirico, G.B., Romano, N., Cristinzio G. 2011. Degradation of elasto-mechanical proprieties of wooden poles used in soil bioengineering structures due to wood-decay fungi. XVII Convegno Nazionale Società Italiana di Patologia Vegetale, Bologna (Italy), 12 - 14 September (Poster presentation)

Bosso, L., Hechmi, N., Scelza, R., Testa, A., Rao, M.A., Cristinzio G. 2011. Fungi used in the bioremediation of pentachlorophenol and biological control of important plant pathogens. XVII Convegno Nazionale Società Italiana di Patologia Vegetale, Bologna (Italy), 12 - 14 September (Oral presentation)

Bosso, L., Marras, T., Caprari, C., Naclerio, G., Cristinzio G. 2011. Fungi and bacteria used in the biological control of "ink disease" in chestnut. XVII Convegno Nazionale Società Italiana di Patologia Vegetale, Bologna (Italy), 12 - 14 September (Poster presentation)

Bosso, L., Hechmi, N., Scelza, R., Testa, A., Cristinzio, G., Rao, M.A., 2011. Bioremediation of PCP contaminated soil by *Byssochlamys nivea* and *Scopulariopsis brumptii*. 6th International Symposium of Interactions of Soil Minerals with Organic Components and Microorganisms, Montpellier (France), 26 June - 1 July (Oral presentation)

Bosso, L., Rebelo, H., Biscaccianti, A.B., Garonna, A.P., Russo, D., 2011. Modelli di massima entropia per la previsione della distribuzione in Italia di *Rosalia alpina*. XXIII Congresso Nazionale Italiano di Entomologia, Genova (Italy), 13 - 16 June (Oral presentation)

Hechmi, N., **Bosso, L.**, Scelza, R., Rao, M.A., Testa, A., Ben Aissa, N., Jedidi, N., Abdenaceura H. 2011. Fungal bioremediation of soils contaminated by pentachlorophenol. VI Congrès International QPE-TV, Mahdia (Tunisia), 8 - 10 April (Poster presentation)

Hechmi, N., **Bosso, L.**, Rao, M.A., Hamdi, H., Ben Aissa, N., Jedidi, N., Abdenaceura H., 2010. A fungal Ascomycete involved in pentachlorophenol degradation. Journées Internationales de Biotechnologiques, Hammamet (Tunisia), 19 - 22 December (Poster presentation)

Hechmi, N., **Bosso, L.**, Rao, M.A., Hamdi, H., Ben Aissa, N., Jedidi, N., Abdenaceura H., 2010. Response of an agricultural soil to pentachlorophenol pollution and bioaugmentation. Tunisia-Japan Symposium Regional Development and Water Resource - A New Vision For Sustainable Society, Tunisi (Tunisia), 28 November - 1 December (Oral presentation)

Bosso, L., Russo, D., Biscaccianti, A.B., Garonna, A.P., 2010. *Rosalia alpina* Linneaus: conservazione e gestione di una specie rara ed emblematica a rischio di estinzione. Giornate Scientifiche del Polo delle Scienze e Tecnologie per la vita dell'Università degli Studi di Napoli Federico II, Napoli (Italy), 25 - 26 November (Oral presentation)

Bosso, L., Testa, A., Scelza, L., Cristinzio, G., Rao, M., 2010. Prove di tollerabilità in vitro di *Paecilomyces lilacinus* isolato da un suolo artificialmente contaminato da PCP. Giornate Scientifiche del Polo delle Scienze e Tecnologie per la vita dell'Università degli Studi di Napoli Federico II, Napoli (Italy), 25 - 26 November (Poster presentation)

Testa, A., **Bosso, L.**, Hechmi, N., Scelza, R., Cristinzio, G., Gianfreda, L., Rao, M. A., 2010. Fungal bioremediation of PCP contaminated soil, Atti del XXVIII Convegno Nazionale della Società Italiana di Chimica Agraria. Piacenza (Italy), 20 - 21 September (Poster presentation)

Bosso, L., Carleo, G., Cristinzio, G., Testa, A., Garonna, A.P., Viggiani, G., 2009. A new agent of wood alteration on poplar (*Populus nigra*). XV Convegno Nazionale Società Italiana di Patologia Vegetale, Bari (Italy), 28 September - 1 October (Poster presentation)

Testa, A., **Bosso, L.**, Cristinzio, G., 2008. Difesa con mezzi biologici dal Mal dell'Inchiostro del castagno. Convegno sull'innovazione per una castanicoltura da frutto ecocompatibile, Roccamonfina (Italy), 11 December (Oral presentation)

Bosso, L., Testa, A., Punzo, B., Andolfi, A., Parillo, R., Evidente, A., Cristinzio, G., 2008. Studi su *Aspergillus flavus* e suoi Metaboliti per il controllo biologico del "Mal dell'Inchiostro del Castagno". Giornate Scientifiche del Polo delle Scienze e Tecnologie per la vita, Portici (Italy), 10 - 12 December (Poster presentation)

Editorial services

2023/present - Associate Editor of "Journal of Biogeography - WILEY"

2021 - Guest Editor of "Forests - MDPI" for the Special Issue: "Mediterranean Forest Changes in Response to Climate and Human activity during the Holocene"

2020/2021 - Guest Editor of "Journal for Nature Conservation - Elsevier" for the Special Issue: "Biological uniqueness: tools and advances to protect endemism". Here, the final issue: <https://www.sciencedirect.com/journal/journal-for-nature-conservation/special-issue/100R0RVG0L3>

2019/present - Editorial Board Member of "Scientific Reports - NATURE" (category: Ecology and Evolutionary Biology)

2019/present - Associate Editor of "Ecology and Evolution - WILEY"

2019/2020 - Guest Editor of "Sustainability - MDPI" for the Special Issue: "Remote Sensing, Spatial Analysis and Ecological Modelling to Predict Potential Distributions of Invasive Species"

2018/present - Associate Editor of "Frontiers Ecology and Evolution - FRONTIERS" (category: Biogeography and Macroecology)

2018/2021 - Associate Editor of "Conservation Science and Practice - WILEY"

2017/present - Academic Editor of "Landscape and Ecological Engineering - SPRINGER"

2017/2018 - Academic Editor of "PLoS ONE - PLOS"

Reviewer services

Reviewer for the following scientific journals (short selection): Global Change Biology, Ecological indicators, Scientific Reports, Ecology and Evolution, Ecological Modelling, Acta Oecologica, Diversity and Distributions, Acta Tropica, Conservation Science and Practice, Biodiversity and Conservation, Frontiers Ecology and Evolution, Biological Conservation, Ecography, Mammal Review, Journal for Nature Conservation, Science of the Total Environment, Environmental Pollution, Animal Biodiversity and Conservation, Journal of Insect Conservation, Journal of Wildlife Management and Wildlife Monographs, Ecosphere,

Journal of Environmental Management, Global Ecology and Conservation, Communication Biology, Conservation biology.

Scientific research projects

2023/2025 - PRIN project Prot. P202229JBC - CALL PNRR 2022 - Project title: "Illuminating range shifts through evolutionary **FIASCO**: contrasting **Falling And Successful ColOnizations** in replicated wild populations" (role: Collaborator)

2022/2025 - FAIR-EASE project - HORIZON-INFRA-2021-EOSC-01-04 (role: Collaborator)

2021/2022 - PO FEAMP 2014/2020 line 2.51 funded by Campania Region titled "Design and implementation of a computational platform based on GIS systems (ArcGIS) and the development of suitable interfaces for data analysis" (role: Collaborator)

2019/2024 - COST_OC-2018-1-22668 "Climate change and bats: from science to conservation" Acronym: CLIMBATS (role: Collaborator)

2019/2020 - Biodiversity Directive 2017 (Prot. 24444/GAB) "Identification of biodiversity hotspots for Italian bats: recommendation for management" (role: Collaborator)

2019 - Monitoring of bats in the Vivara island (Monitoring/research project 2018)(role: Collaborator)

2017/2018 - Biodiversity Directive 2017 (Prot n. 1 27/05/2016) "Identification of biodiversity hotspots for Italian bats: recommendation for management" (role: Collaborator)

2016 - "Survey National Programme 2016": monitoring of emerging pest and disease in agriculture (role: Collaborator)

2016 - Study on the reproductive success of the biological invader *Trachemys scripta* in the Astroni Natural Reserve (role: Collaborator)

2015 - PSR Campania 2007-2013, Measure 124HC - RISIDRA (role: Collaborator)

2014 - Monitoring of the phytosanitary status of *Quercus ilex* woodland in the Cilento and Vallo di Diana National Park (role: Collaborator)

2012 - Update of the distribution and conservation status of Italian bats: identifying new management strategies (role: Collaborator)

2012 - Management Plan of the Natura 2000 sites IT7110205 and IT7120132 in the Abruzzo Lazio and Molise National Park (role: Collaborator)

2012 - Chiro Tour 2012 research project (role: Collaborator)

2011 - FARO - Agriculture abandonment in Mediterranean area: impact on biodiversity (role: Deputy Principal Investigator)

2010 - Multifunctional soil conservation and land management through the development of a web based spatial decision supporting system (role: Collaborator)

2010 - Bats in the Calanchi Atri Nature Reserve (role: Collaborator)

2010 - Microbial degradation of xenobiotic compound in contaminated soils (role: Collaborator)

2009 - CEOP AEGIS FP7 topic ENV.2007.4.1.4.2 Improving observing systems for water resource management (role: Collaborator)

2008 - "We are the pixies of the forest" code:C-1-FSE -2007 – 330 (role: Collaborator)

Partecipation in scientific outreach activities

2023 - Organization of the conservation biology event "conserv-AZIONE: proteggiamo il mare grazie alla conoscenza e con l'aiuto di tutti!" at the *Aquarium* of the Stazione Zoologica Anton Dohrn in Naples (scbitaly.org/2023/02/14/conserv-azione-proteggiamo-il-mare-grazie-alla-conoscenza-e-con-laiuto-di-tutti/)

2022/present - FUTUR@REMOTO

2016/present - European Researchers' Night

2014/present - International Day for Biological Diversity

2013/present - Darwin Day

Positions held and professional experience

Dates (from – to): 02/11/2023 – present

Position: Reseracher III level

Employer's name and locality: Institute for Agriculture and Forestry Systems in the Mediterranean (ISAFoM) , National Research Council, Piazzale E. Fermi,1 - 80055 Portici (NA), Italy

Sector: ecology

Main activities and responsibilities: spatial analyses applied to plant and animal species to support of conservation strategies, environmental management, and planning in terrestrial and marine ecosystems

Dates (from – to): 01/03/2023 – 31/10/2023

Position: post doctoral researcher

Employer's name and locality: Department of Research Infrastructures for Marine Biological Resources (RIMAR), Stazione Zoologica Anton Dohrn, Villa Comunale, CAP 80121 - Napoli (NA), Italy, Prof. Maria Luisa Chiusano

Sector: quantitative ecology

Main activities and responsibilities: application of FAIR principles across the Europe's geospatial data applied for the observation and modelling of the Earth system

Dates (from – to): 16/01/2023 - 28/02/2023

Position: independent contractor

Employer's name and locality: Fondazione Dohrn, Villa Comunale, CAP 80121 - Napoli (NA), Italy, Dr. Vincenzo Saggiomo

Sector: quantitative ecology

Main activities and responsibilities: GIS analyses of marine pollution data in Sicily

Dates (from – to): 16/01/2021 - 16/01/2023

Position: post doctoral researcher

Employer's name and locality: Department of Research Infrastructures for Marine Biological Resources (RIMAR), Stazione Zoologica Anton Dohrn, Villa Comunale, CAP 80121 - Napoli (NA), Italy, Prof. Maria Luisa Chiusano

Sector: quantitative ecology

Main activities and responsibilities: development of a computational platform based on the Arc-GIS framework for spatiotemporal data analysis and modelling (PO FEAMP 2014/2020 - 2.51 – Campania Region)

Dates (from – to): 01/12/2020 - 01/02/2021

Position: independent contractor

Employer's name and locality: Museum of Agricultural Sciences (MUSA), University of Naples Federico II, Via Università 100, Portici, 80055 - Portici (NA), Prof. Danilo Russo

Sector: conservation biology

Main activities and responsibilities: supervision of the final report on the conservation gap analysis of Italian bats

Dates (from – to): 01/04/2019 - 01/12/2020

Position: post doctoral researcher

Employer's name and locality: Department of Agricultural Sciences, University of Naples

Federico II, Via Università 100, Portici, 80055 - Portici (NA), Prof. Danilo Russo

Sector: conservation biology

Main activities and responsibilities: conservation gap analysis of Italian bats

Dates (from – to): 28/01/2019 - 27/06/2019

Position: independent contractor

Employer's name and locality: INNOVA scarl, Via Calabritto n° 20, Napoli CAP 80121 Piva/CF 06868831212, email: amministrazione2@innova.campania.it

Sector: conservation biology

Main activities and responsibilities: data acquisition/processing and cartography of the bats in the Vivara island

Dates (from – to): 01/01/2019

Position: independent contractor

Employer's name and locality: M&M Biotech S.c.a.r.l., Via Camillo Tutini, 13 - 80136 Napoli - tel: +39 081 3656790; fax: +39 081 19285837; email: info@mmbiotech.it

Sector: microbial ecology

Main activities and responsibilities: test of new products and equipment useful in molecular ecology

Dates (from – to): 26/05/2017 - 26/06/2018

Position: post doctoral researcher

Employer's name and locality: Department of Agricultural Sciences, University of Naples Federico II, Via Università 100, Portici, 80055 - Portici (NA), Prof. Danilo Russo

Sector: conservation biology

Main activities and responsibilities: species distribution models as a tool to predict the protection status of Italian bats in Italy

Dates (from – to): 13/01/2017

Position: independent contractor

Employer's name and locality: M&M Biotech S.c.a.r.l., Via Camillo Tutini, 13 - 80136 Napoli - tel: +39 081 3656790; fax: +39 081 19285837; email: info@mmbiotech.it

Sector: microbial ecology

Main activities and responsibilities: test of new products and equipment useful in biotechnology analysis and molecular ecology

Dates (from – to): 01/07/2016 - 01/01/2017

Position: post doctoral researcher

Employer's name and locality: Department of Agricultural Sciences, University of Naples Federico II, Via Università 100, Portici, 80055 - Portici (NA), Prof. Astolfo Zoina

Sector: biological invasion

Main activities and responsibilities: monitoring, diagnosis and use of species distribution models to detect *Xylella fastidiosa* in Campania Region

Dates (from – to): 29/07/2015

Position: independent contractor

Employer's name and locality: M&M Biotech S.c.a.r.l., Via Camillo Tutini, 13 - 80136 Napoli - tel: +39 081 3656790; fax: +39 081 19285837; email: info@mmbiotech.it

Sector: microbial ecology

Main activities and responsibilities: test of new products and equipment useful in biotechnology analysis and molecular ecology

Dates (from – to): 07/01/2014 - 07/09/2014

Position: independent contractor

Employer's name and locality: Department of Agricultural Sciences, University of Naples Federico II, Via Università 100, Portici, 80055 - Portici (NA), Prof. Gennaro Cristinzio

Sector: forest pathology and ecology

Main activities and responsibilities: plant pathology studies on the interaction between *Xylosandrus compactus* and *Quercus ilex* in Cilento and Vallo di Diano National Park

Dates (from – to): 19/12/2013

Position: independent contractor

Employer's name and locality: M&M Biotech S.c.a.r.l., Via Camillo Tutini, 13 - 80136 Napoli - tel: +39 081 3656790; fax: +39 081 19285837; email: info@mmbiotech.it

Sector: microbial ecology

Main activities and responsibilities: test of new products and equipment useful in biotechnology analysis and molecular ecology

Dates (from – to): 01/04/2013 - 30/06/2013

Position: independent contractor

Employer's name and locality: Department of Agricultural Sciences, University of Naples Federico II, Via Università 100, Portici, 80055 - Portici (NA), Prof. Danilo Russo

Sector: conservation biology

Main activities and responsibilities: species distribution models of Italian bats

Dates (from – to): 23/05/2013 - 03/05/2013

Position: Ph.D. student - Visiting research

Employer's name and locality: University College Dublin (Ireland), Agriculture & Food Science Centre, Prof. Olaf Schmidt

Sector: soil ecology

Main activities and responsibilities: taxonomy, biology and ecology of most important species of earthworms present in the soil.

Dates (from – to): 01/03/2013 - 30/05/2013

Position: independent contractor

Employer's name and locality: Department of Agricultural Sciences, University of Naples Federico II, Via Università 100, Portici, 80055 - Portici (NA), Prof. Danilo Russo

Sector: conservation biology

Main activities and responsibilities: species distribution models of saproxylic beetles as *Rosalia alpina* and *Osmoderma eremita* in Italy

Dates (from – to): 07/10/2012 - 14/10/2012

Position: collaborator

Employer's name and locality: Natural History Museum "La Specola", University of Florence, Via Romana 17, 50125 - Firenze (FI), Prof. Adriano Martinoli

Sector: environmental Education

Main activities and responsibilities: bat ecology and conservation outreach

Dates (from – to): 18/10/2011 - 23/01/2012

Position: Ph.D. student - Visiting research

Employer's name and locality: Universidad de La Frontera (Chile), Departamento de Ingeniería Química, Prof. Cristina Diez and Dr Olga Rubilar

Sector: soil ecology

Main activities and responsibilities: fungal biosorption of pentachlorophenol in microcosm studies

Dates (from – to): 05/07/2010 - 20/07/10

Position: collaborator

Employer's name and locality: Calanchi di Atri Natural Reserve, Piazza Duchi d'Acquaviva, 64032 - Atri (TE), Dr. Adriano De Ascentiis e Prof. Danilo Russo

Sector: conservation biology

Main activities and responsibilities: studies of the importance of agro-ecosystems for bat fauna in Calanchi di Atri Natural Reserve

Dates (from – to): 03/09/2007 - 09/09/07

Position: collaborator

Employer's name and locality: Vesuvius National Park, P.zza Municipio 8, 80040 - San Sebastiano al Vesuvio (NA), Ing. Gino Menegazzi and Prof. Nunzio Romano

Sector: bioengineering

Main activities and responsibilities: ecology expert in fauna and flora in the construction of soil bioengineering structures for slope protection in the Vesuvius National Park

Teaching experience

2022 - Lecturer for the "Introductory Course on Bioinformatics" at the Stazione Zoologica Anton Dohrn, Naples, Italy

2020/2022 - Adjunct professor of Zoology (BIO/05), bachelor degree in Environmental Sciences, Department of Chemistry and Biology "Adolfo Zambelli", University of Salerno, Italy

2019/2021 - Laboratory assistant of the course "How to write a scientific article" for all the students of the Department of Agricultural Sciences, University of Naples Federico II, Italy

2010/2021 - Laboratory assistant of Plant biology/ecology (BIO/01) and Conservation Biology (BIO/07), bachelor degree in Environmental and Forest Sciences, Department of Agricultural Sciences, University of Naples Federico II, Italy

2011/2014 - Lecturer of Plant Pathology and Entomology (A058), Microbiology and Biochemistry (A060) and Animal science (A074) at the high school in Campania, Italy

2009 - "Faggete mature e fauna minacciata: i casi studio di *Rosalia alpina* L. e *Barbastella barbastellus* Schreber" (seminary) for the students of the Agrobiology and Agrochemical Ph.D. school, of the Department of Agricultural Sciences, University of Naples Federico II, Italy

2008 - Professor of Ecology at the Don Bosco-Melloni Institute (Secondary School), Italy

Panelist/committee member experience

2023/present - Social Media Manager of the Italian Chapter of the Society for Conservation Biology

2022/2023 - Member of the committee for the promotion of scientific dissemination - outreach at the Stazione Zoologica Anton Dohrn, Italy

2020/2022 - Exam committee member in "Zoology" (bachelor degree in Environmental Sciences) Department of Chemistry and Biology "Adolfo Zambelli", University of Salerno, Italy

2020/2022 - Exam committee member in "Mediterranean Ecosystems" (bachelor degree in Mediterranean Gastronomic Sciences) at the Department of Agricultural Sciences, University of Naples Federico II, Italy

2014/2022 - Exam committee member in "Biological Conservation and Reserve Management" (bachelor degree in Forestry and Environmental Sciences) at the Department of Agricultural Sciences, University of Naples Federico II, Italy

Students mentoring/supervision

2022/2023 - The avifauna of urban green areas: the case study of Capodimonte woodland in Naples (Italy)- Dr Celeste Marino, Bachelor's degree in Environmental Sciences, University of Salerno, Italy

2021/2022 - Light pollution and bats - Dr Regina Spinelli, Bachelor's degree in Environmental Sciences, University of Salerno, Italy

2021/2022 - Light pollution and effects on the Natura 2000 network in Europe, Dr Alessia Coppola, Master's Degree in Natural Sciences, University of Naples Federico II, Italy

2019/2020 - Potential effects of wind turbines on conservation performances of the Natura 2000 Network in Europe, Dr Greta Liuzzi, Master's Degree in Environmental and Forestry Sciences, University of Naples Federico II, Italy

2016/2017 - Modelling the effect of wildfire on Chiropterofauna in the Vesuvius National Park in the summer 2017, Dr Sara D'Arco, Master's Degree in Biology, University of Naples Federico II, Italy

Workshops and courses

Dates (from – to): 26/05/2022 - 23/06/2022

Course: improvement of public speaking skills

Employer's name and locality: Stazione Zoologica Anton Dohrn, Villa Comunale, CAP 80121 - Napoli (NA), Italy, Dr. Marco Castellazzi

Skills acquired: new techniques useful to make an efficient oral communication

Dates (from – to): 10/06/2019 - 14/06/2019

Course: summer School in Land monitoring and ecosystem services mapping and assessment

Employer's name and locality: The Italian Institute for Environmental Protection and Research (ISPRA), Dr Michele Munafò, Department of Agricultural Sciences, University of Naples Federico II, Via Università 100, Portici, 80055 - Portici (NA)

Skills acquired: new tools useful in land monitoring and ecosystem services mapping/assessment

Dates (from – to): 11/10/2012 - 09/11/2012

Course: public speaking and coaching

Employer's name and locality: Eureka Formazione, Corso Garibaldi 23, 84122 - Salerno (NA)

Skills acquired: new techniques useful to make efficient posters, abstracts, papers and oral communications

Dates (from – to): 18/07/2011 - 20/07/2011

Course: summer School in eco-pathology of forestry systems

Employer's name and locality: Plant Pathology Italian Society, Prof. Aniello Scala, Prof. Antonio Franceschini and Prof. Alessandro Ragazzi

Skills acquired: new methods useful to identify forestry pathogens

Dates (from – to): 09/09/2010 - 25/11/2010

Course: scientific communication: from museum to science center

Employer's name and locality: Natural History Museum Centre, University of Naples Federico II, Prof Maria Rosaria Ghiara

Skills acquired: new techniques useful to make efficient posters, abstracts, papers and oral communications in natural scienc

Dates (from – to): 1997 - 2000

Course: English 2000 project

Employer's name and locality: Istituto Tecnico Industriale Statale "Enrico Medi", San Giorgio a Cremano (NA)

Skills acquired: english basic (1° and 2° level): grammar, listening and speaking

Education

Dates (from – to): 2010 - 2014

Qualification awarded: International Ph.D. in Natural Resources and Environmental Sciences (Italy/Chile)

Employer's name and locality: Department of Agricultural Sciences, University of Naples Federico II, Via Università 100, Portici, 80055 - Portici (NA)

Dates (from – to): 2007 - 2009

Qualification awarded: Master's Degree in Environmental and Forestry Sciences

Employer's name and locality: Department of Agricultural Sciences, University of Naples Federico II, Via Università 100, Portici, 80055 - Portici (NA)

Dates (from – to): 2004 - 2007

Qualification awarded: Bachelor's Degree in Environmental and Forestry Sciences

Employer's name and locality: Department of Agricultural Sciences, University of Naples Federico II, Via Università 100, Portici, 80055 - Portici (NA)

Awards and achievements

2020/2031 - National scientific qualification for Associate Professor of Zoology (code: 05/B1)

2018/2029 - National scientific qualification for Associate Professor of Ecology (code: 05/C1)

2023 - "Senato and Ambiente" award for the best environment and conservation project. Title of the project: "Tuteli-Amo il mare: fact-finding survey on the poaching of sea dates and the related environmental damage": <https://www.senatoragazzi.it/notizie/senato-ambiente-s-2022-2023-ecco-i-vincitori/>

2020 - The Forests 2020 Best Paper Award with the manuscript titled "Coastal Pine-Oak Glacial Refugia in the Mediterranean Basin: A Biogeographic Approach Based on Charcoal Analysis and Spatial Modelling - <https://www.mdpi.com/1999-4907/11/6/673>". Further informations on the Forests 2020 Best Paper Award can be found here: <https://www.mdpi.com/about/announcements/3704>

2016 - Elsevier certificate for highly cited research in recognition of the contribution to the quality of "Journal for Nature Conservation" made by the publication: "Bosso et al., 2013.

Modelling geographic distribution and detecting conservation gaps in Italy for the threatened beetle *Rosalia alpina*. Journal for Nature Conservation, 21:72- 80"

2015 - "Italian Agricultural Scientific Association (AISSA)" award for the best Ph.D. thesis in microbial ecology discussed in Italy

2014 - "Accademia Ercolanese" award for the best Ph.D. thesis discussed at the University of Naples Federico II

2012 - Finalist of the "Start Cup Campania Competition" with the project: "BioCoReTech: new bioremediation technology"

2011 - "Italian literary" award for the best manuscript in environmental issues (provided by the Italian Ministry of the Environment and Protection of Land and Sea)

2010 - "Formica Onlus" award for the best applied ecological studies on threatened species and biodiversity issues

2009 - "XXVII Giovanni Binaghi" award for the best master degree thesis in ecological entomology discussed in Italy

2008 - "Città del Castagno" award for the best bachelor degree thesis in forest eco-pathology discussed in Italy

Languages

Italian: native speaker

English: fluent

Spanish: basic

Sincerely

Luciano Bosso

A handwritten signature in black ink that reads "Luciano Bosso". The signature is written in a cursive style with a large, sweeping initial 'L'.